

### III. CLAIM AMENDMENTS

1. (Currently Amended) Method for reducing the power consumption of a wireless terminal ~~(MT1-MT4)~~ communicating with an access point ~~(AP1, AP2)~~, in which method the wireless terminal ~~(MT1-MT4)~~ is set to dormancy, an in-operation message ~~(408)~~ is transmitted at intervals from the wireless terminal ~~(MT1-MT4)~~ to the access point ~~(AP1, AP2)~~, and for sending the in-operation message ~~(408)~~, the wireless terminal is set in an active state, **characterized** ~~in that in the method, wherein~~ the wireless terminal is returned to dormancy substantially immediately after the transmission of the in-operation message ~~(408)~~, and the inoperation message used is a message to which no acknowledgement message is transmitted from the access point.

2. Cancelled

3. (Currently Amended) The method according to claim 1, ~~characterized in that wherein~~ the in-operation message ~~(408)~~ used is a resource request ~~(RR)~~, in which ~~the a~~ resource requirement is set as a value for which no resource allocation is performed for the wireless terminal ~~(MT1-MT4)~~.

4. Cancelled

5. (Currently Amended) The method according to claim 1, ~~characterized in that wherein~~ in connection with the setting to dormancy, a maximum transmission interval is selected for the in-operation messages ~~(408)~~, ~~wherein~~ the wireless terminal ~~(MT1-MT4)~~ shifts to the active state for transmitting the in-operation message ~~(408)~~ before the selected maximum interval has expired from the transmission of the previous in-operation message ~~(408)~~,

and ~~that~~ the reception of in-operation messages ~~(408)~~ is monitored at the access point ~~(AP1, AP2)~~ within the maximum interval.

6. (Currently Amended) The method according to claim 1, ~~characterized in that the~~ wherein a HIPERLAN/2 system is used in data transmission between the access point ~~(AP1, AP2)~~ and the wireless terminal.

7. (Currently Amended) A communication system comprising at least one access point ~~(AP1, AP2)~~, at least one wireless terminal ~~(MT1-MT4)~~ communicating with the access point, means ~~(2)~~ for setting the wireless terminal ~~(MT1-MT4)~~ to dormancy for reducing the power consumption, means for transmitting an in-operation message ~~(408)~~ at intervals from the wireless terminal ~~(MT1-MT4)~~ to the access point ~~(AP1, AP2)~~, the wireless terminal being set in an active state for transmitting the in-operation message ~~(408)~~, ~~characterized in that~~ wherein the wireless terminal is arranged to be returned to dormancy substantially immediately after the transmission of the in-operation message ~~(408)~~, and the in-operation message used is a message to which no acknowledgement message is transmitted from the access point.

8. (Currently Amended) The communication system according to claim 7, ~~characterized in that it comprises~~ further comprising means ~~(AC1, AC2)~~ for selecting a maximum transmission interval for the in-operation messages ~~(408)~~ in connection with the setting to dormancy, wherein the wireless terminal ~~(MT1-MT4)~~ comprises means ~~(2, 19)~~ for setting to the active state for transmitting the in-operation message ~~(408)~~ before the selected maximum interval has expired from the transmission of the previous in-operation message ~~(408)~~, and ~~that~~ the access point

~~(AP1, AP2)~~ comprises means ~~(18)~~ for monitoring the reception of in-operation messages ~~(408)~~ within the maximum interval.

9. (Currently Amended) The method according to claim 7, **characterized** ~~in that~~ wherein it comprises a HIPERLAN/2 system.

10. (Currently Amended) A wireless terminal ~~(MT1-MT4)~~ arranged to communicate with at least one access point, means ~~(2)~~ for setting the wireless terminal ~~(MT1-MT4)~~ to dormancy for reducing the power consumption, means ~~(COM)~~ for transmitting an in-operation message ~~(408)~~ at intervals to the access point ~~(AP1, AP2)~~, and for sending the in-operation message ~~(408)~~, the wireless terminal is set in an active state, **characterized** ~~in that~~ wherein the wireless terminal is arranged to be returned to dormancy substantially immediately after the transmission of the in-operation message ~~(408)~~ and the in-operation message used is a message to which no acknowledgement message is transmitted from the access point.